

**BS in Industrial Technology/MBA Sample Study Plan (2014-2015 Catalog)
Manufacturing Option**

Degrees	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester 10
B.S. in I TEC 120 credits (minimum)	TSM 110 Intro to Techn. 1 cr	TSM 111 Exper. Techn. 1 cr	TSM 201 Workplace 1 cr	TSM 216 Graphics/CAD 3 cr	TSM 340 Mfg Process. 3 cr	TSM 310 Quality Impr 3 cr	TSM 444 Facility Plan. 3 cr	TSM 443 Statics 3 cr	TSM 415 Techn Capstone I 1 cr	TSM 416 Techn Capstone II 5 cr
	TSM 116 Design in Techn. 3 cr	TSM 115 Techn. Issues 3 cr	TSM 210 Fund. of Techn. 3 cr	STAT 104 Intro. to Stat. 3 cr	TSM 363 Power/Elect 4 cr	TSM 337 Fluid Power 3 cr	TSM 399 Work Exper. 2 cr	TSM/MBA Elective 4 cr	TSM 440 Lean Manufac. 3 cr	TSM 465 Automation Sys. 3 cr
	ENGL 150 Critical Thinking 3 cr	ECON 101 Microecon. 3 cr	TSM 240 Manuf. Process. 3 cr	BIOL 101 or 211 Biology 3 cr	ACCT 284 Fin. Accting 3 cr	TSM 370 Occ. Safety 3 cr				
	CHEM 163 College Chem. 4 cr	PHYS 111 Physics & Lab 5 cr	TSM 270 Injury Prevent. 3 cr	International Persp. Course 3 cr	US Diversity Course 3 cr	Humanities Course 3 cr				
	CHEM 163L Chemistry Lab 1 cr	MATH 151 Calc. for Bus. 3 cr	ENGL 250 WOVE Comp. 3 cr	Speech Comm Course 3 cr	English Course 3 cr	Life Science Course 3 cr				
	MATH 145X Applied Trig. 3 cr									
	LIB 160 Info. Literacy 1 cr									
MBA 48 credits (minimum)							ACCT 501 Accounting 3 cr	FIN 501 Finance 3 cr	MGMT 503 Pro Resp in Bus. 3 cr	MBA Elective 3 cr
							BUSAD 502 Bus. Analysis 3 cr	MKT 501 Marketing 3 cr	MGMT 504 Strategy 3 cr	MBA Elective 3 cr
							ECON 532 Economics 3 cr	SCM 501 Supply Chain 3 cr (elective)	MBA Elective 3 cr	MBA Elective 3 cr
							MGMT 502 Org Behavior 3 cr	MIS 501 Info. Systems 3 cr (elective)		
							BUSAD 592 Prof Skills I R cr	BUSAD 594 Prof Skills II R cr		
I TEC 120 cr	16/16	15/31	13/44	15/59	16/75	15/90	5/95	13/108	4/112	8/120
MBA 48 cr							12/12	12/24	10/34	14/48
Shared 12 cr							0/0	6/6	1/7	5/12
156 Total Cr	16/16	15/31	13/44	15/59	16/75	15/90	17/107	19/126	13/139	17/156

Note: Twelve elective credits are applied to both I TEC (Manufacturing Option) and the MBA including SCM 501 (3 cr), MIS 501 (3 cr), and TSM 415/416 (6 cr).

**BS in Industrial Technology/MBA Sample Study Plan (2014-2015 Catalog)
Occupational Safety Option (Even Year Program Entry)**

Degrees	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester 10
B.S. in I TEC 120 credits (minimum)	TSM 110 Intro to Techn. 1 cr	TSM 111 Exper. Techn. 1 cr	TSM 201 Workplace 1 cr	TSM 240 Manuf. Process 3 cr	TSM 363 Power/Elect 4 cr	TSM 310 Quality Impr 3 cr	TSM 372 Legal Aspects 2 cr	Humanities Course 3 cr	TSM 415 Techn Capstone I 1 cr	TSM 416 Techn Capstone II 5 cr
	TSM 116 Design in Techn. 3 cr	TSM 115 Techn. Issues 3 cr	TSM 210 Fund. of Techn. 3 cr	TSM 371 Occ. S. Mgmt 2 cr	TSM 376 Fire Protect. 3 cr	TSM 370 Occ. Safety 3 cr	TSM 399 Work Exper. 2 cr	TSM 471 Safety Lab 1 cr	US Diversity Course 3 cr	
	ENGL 150 Critical Thinking 3 cr	ECON 101 Microecon. 3 cr	TSM 270 Injury Prevent. 3 cr	STAT 104 Intro. to Stat. 3 cr	TSM 477 Risk Analysis 3 cr	ACCT 284 Fin. Accting 3 cr	TSM 470 Ind Hygiene 3 cr		TSM/MBA Elective 3 cr	
	CHEM 163 College Chem. 4 cr	PHYS 111 Physics & Lab 5 cr	BIOL 101 or 211 Biology 3 cr	BIOL 155 Human Bio. 3 cr	PSYCH 250 Wrkplc Psych 3 cr	International Persp Course 3 cr				
	CHEM 163L Chemistry Lab 1 cr	MATH 151 Calc. for Bus. 3 cr	ENGL 250 WOVE Comp. 3 cr	Speech Comm Course 3 cr	English Course 3 cr	Elective 3 cr				
	MATH 145X Applied Trig. 3 cr		H S 105 First Aid Care 2 cr							
	LIB 160 Info. Literacy 1 cr									
MBA 48 credits (minimum)							ACCT 501 Accounting 3 cr	FIN 501 Finance 3 cr	MGMT 503 Pro Resp in Bus. 3 cr	MBA Elective 3 cr
							BUSAD 502 Bus. Analysis 3 cr	MKT 501 Marketing 3 cr	MGMT 504 Strategy 3 cr	MBA Elective 3 cr
							Econ 532 Economics 3 cr	SCM 501 Supply Chain 3 cr (elective)	MBA Elective 3 cr	MBA Elective 3 cr
							MGMT 502 Org Behavior 3 cr (elective)	MIS 501 Info Systems 3 cr		
							BUSAD 592 Prof Skills I R cr	BUSAD 594 Prof Skills II R cr		
I TEC 121 cr	16/16	15/31	15/46	14/60	16/76	15/91	10/101	7/108	7/115	5/120
MBA 48 cr							12/12	12/24	10/34	14/48
Shared 12 cr							3/3	3/6	1/7	5/12
156 Total Cr	16/16	15/31	15/46	14/60	16/76	15/91	19/110	16/126	16/142	14/156

Note: Twelve elective credits are applied to both I TEC (Occupational Safety Option) and the MBA including MGMT 502 (3 cr), SCM 501 (3 cr), and TSM 415/416 (6 cr).

**BS in Industrial Technology/MBA Sample Study Plan (2014-2015 Catalog)
Occupational Safety Option (Odd Year Program Entry)**

Degrees	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester 10
B.S. in I TEC 120 credits (minimum)	TSM 110 Intro to Techn. 1 cr	TSM 111 Exper. Techn. 1 cr	TSM 201 Workplace 1 cr	TSM 240 Manuf. Process 3 cr	TSM 372 Legal Aspects 2 cr	TSM 310 Quality Impr. 3 cr	TSM 376 Fire Protect. 3 cr	TSM 470 Ind Hygiene 3 cr	TSM 415 Techn Capstone I 1 cr	TSM 416 Techn Capstone II 5 cr
	TSM 116 Design in Techn. 3 cr	TSM 115 Techn. Issues 3 cr	TSM 210 Fund. of Techn. 3 cr	TSM 371 Occ. S. Mgmt 2 cr	ACCT 284 Fin. Accting 3 cr	TSM 363 Power/Elect 4 cr	TSM 399 Work Exper. 2 cr	TSM 471 Safety Lab 1 cr	TSM 477 Risk Analysis 3 cr	TSM/MBA Elective 3 cr
	ENGL 150 Critical Thinking 3 cr	ECON 101 Microecon. 3 cr	TSM 270 Injury Prevent. 3 cr	STAT 104 Intro. to Stat. 3 cr	PSYCH 250 Wrkplc Psych 3 cr	TSM 370 Occ. Safety 3 cr			TSM/MBA Elective 3 cr	
	CHEM 163 College Chem. 4 cr	PHYS 111 Physics & Lab 5 cr	BIOL 101 or 211 Biology 3 cr	BIOL 155 Human Bio. 3 cr	English Course 3 cr	International Persp. Course 3 cr				
	CHEM 163L Chemistry Lab 1 cr	MATH 151 Calc. for Bus. 3 cr	ENGL 250 WOVE Comp. 3 cr	Speech Comm Course 3 cr	US Diversity Course 3 cr	Humanities Course 3 cr				
	MATH 145X Applied Trig. 3 cr		H S 105 First Aid Care 2 cr							
	LIB 160 Info. Literacy 1 cr									
MBA 48 credits (minimum)							ACCT 501 Accounting 3 cr	FIN 501 Finance 3 cr	MGMT 503 Pro Resp in Bus. 3 cr	MBA Elective 3 cr
							BUSAD 502 Bus. Analysis 3 cr	MKT 501 Marketing 3 cr	MGMT 504 Strategy 3 cr	MBA Elective 3 cr
							ECON 532 Economics 3 cr	SCM 501 Supply Chain 3 cr	MBA Elective 3 cr	MBA Elective 3 cr
							MGMT 502 Org Behavior 3 cr	MIS 501 Info Systems 3 cr		
							BUSAD 592 Prof Skills I R cr	BUSAD 594 Prof Skills II R cr		
I TEC 120 cr	16/16	15/31	15/46	14/60	14/74	16/90	8/98	7/105	7/112	8/120
MBA 48 cr							12/12	12/24	10/34	14/48
Shared 12 cr							3/3	3/6	1/7	5/12
156 Total Cr	16/16	15/31	15/46	15/60	14/74	16/90	11/107	16/123	16/139	17/156

Note: Twelve elective credits are applied to both I TEC (Occupational Safety Option) and the MBA including MGMT 502 (3 cr), SCM 501 (3 cr), and TSM 415/416 (6 cr).